

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L1    | 4060 | 709/206.ccls.<br>(@ad<"20030417" OR<br>@riad<"20030417")   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND              | ON      | 2010/01/05<br>13:47 |
| L2    | 2342 | (email or "e-mail" or<br>"electronic mail") notification<br>WITH receipt<br>(@ad<"20030417" OR<br>@riad<"20030417")  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND              | ON      | 2010/01/05<br>13:47 |
| L3    | 850  | (email or "e-mail" or<br>"electronic mail") (delivery or<br>receipt) WITH (confirmation<br>or proof or verification)<br>(server or intermediary or<br>gateway or portal or proxy or<br>agent or broker or relay)<br>(digital adj (signature or<br>fingerprint))<br>(@ad<"20030417" OR<br>@riad<"20030417")   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND              | ON      | 2010/01/05<br>13:47 |
| L4    | 24   | (email or "e-mail" or<br>"electronic mail") WITH<br>(delivery or receipt) WITH<br>(confirmation or proof or<br>verification) (server or<br>intermediary or gateway or<br>portal or proxy or agent or<br>broker or relay) ((digital adj<br>(signature or fingerprint)) OR<br>hash).detd. (received or<br>interim or hops or relays)<br>(@ad<"20030417" OR<br>@riad<"20030417") not<br>rpost.as. "709"/\$.ccls. not<br>accenture.as. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND              | ON      | 2010/01/05<br>13:47 |
| L5    | 427  | (email or "e-mail" or<br>"electronic mail") notification<br>WITH receipt (hash or<br>encrypt) (server or<br>intermediary or gateway or<br>portal or proxy or agent)<br>(@ad<"20030417" OR<br>@riad<"20030417")   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND              | ON      | 2010/01/05<br>13:47 |

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| L6 | 760   | (email or "e-mail" or "electronic mail")<br>(notification or notified)<br>WITH receipt (hash or encrypt or authenticate)<br>(server or intermediary or gateway or portal or proxy or agent) (received or hops or forwarded or interim)<br>(@ad<"20030417" OR @rlad<"20030417") | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2010/01/05<br>13:47 |
| S2 | 3233  | 709/206.ccls.<br>(@ad<"20030417" OR @rlad<"20030417")  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2007/07/05<br>17:49 |
| S3 | 429   | barkan.in. (@ad<"20030417" OR @rlad<"20030417")  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2007/07/05<br>17:49 |
| S4 | 15    | barkan.in. (email or "e-mail" or "electronic mail")<br>(@ad<"20030417" OR @rlad<"20030417")  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2007/07/05<br>18:06 |
| S5 | 71876 | (email or "e-mail" or "electronic mail")<br>(@ad<"20030417" OR @rlad<"20030417")   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2007/07/05<br>18:06 |
| S6 | 1798  | (email or "e-mail" or "electronic mail") notification<br>WITH receipt<br>(@ad<"20030417" OR @rlad<"20030417")  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2007/07/05<br>18:06 |
| S7 | 336   | (email or "e-mail" or "electronic mail") notification<br>WITH receipt (hash or encrypt) (server or intermediary or gateway or portal or proxy or agent)<br>(@ad<"20030417" OR @rlad<"20030417")  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2007/07/05<br>18:09 |
| S8 | 335   | (email or "e-mail" or "electronic mail") notification<br>WITH receipt (hash or encrypt) (server or intermediary or gateway or portal or proxy or agent)<br>(received or hops or relay)<br>(@ad<"20030417" OR @rlad<"20030417")   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2007/07/05<br>18:09 |

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| S9  | 80   | (email or "e-mail" or "electronic mail") notification WITH receipt (hash or encrypt) (server or intermediary or gateway or portal or proxy or agent) (received or hops or relay) SAME (attachment or header) (@ad<"20030417" OR @rlad<"20030417")                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON  | 2007/07/05<br>19:30 |
| S10 | 1    | ("5978836").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | OR  | OFF | 2007/07/05<br>18:16 |
| S11 | 1    | ("6618747").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | OR  | OFF | 2007/07/05<br>18:19 |
| S12 | 74   | (email or "e-mail" or "electronic mail") notification WITH receipt (hash or encrypt) (server or intermediary or gateway or portal or proxy or agent) (received or hops or relay) SAME (attachment or header) (@ad<"20030417" OR @rlad<"20030417") not tomkow.in. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON  | 2007/07/05<br>19:13 |
| S13 | 1812 | (email or "e-mail" or "electronic mail") (hash or encrypt) (server or intermediary or gateway or portal or proxy or agent) (received or hops or relay) SAME (attachment or header) (@ad<"20030417" OR @rlad<"20030417") not tomkow.in.                           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON  | 2007/07/05<br>18:48 |
| S14 | 1    | ("6751670").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | OR  | OFF | 2007/07/05<br>19:14 |
| S15 | 588  | (email or "e-mail" or "electronic mail") (notification or notified) WITH receipt (hash or encrypt or signature) (server or intermediary or gateway or portal or proxy or agent) (@ad<"20030417" OR @rlad<"20030417")   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON  | 2007/07/05<br>19:30 |

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| S16 | 585 | (email or "e-mail" or "electronic mail")<br>(notification or notified)<br>WITH receipt (hash or encrypt or signature) (server or intermediary or gateway or portal or proxy or agent)<br>(received or hops or forwarded or interim or intermediary)<br>(@ad<"20030417" OR @rlad<"20030417")  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2007/07/05<br>19:37 |
| S17 | 585 | (email or "e-mail" or "electronic mail")<br>(notification or notified)<br>WITH receipt (hash or encrypt or signature) (server or intermediary or gateway or portal or proxy or agent)<br>(received or hops or forwarded or interim)<br>(@ad<"20030417" OR @rlad<"20030417")                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2007/07/05<br>19:51 |
| S18 | 556 | (email or "e-mail" or "electronic mail")<br>(notification or notified)<br>WITH receipt (hash or encrypt or authenticate) (server or intermediary or gateway or portal or proxy or agent) (received or hops or forwarded or interim)<br>(@ad<"20030417" OR @rlad<"20030417")                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2007/07/05<br>19:52 |
| S19 | 60  | (email or "e-mail" or "electronic mail")<br>(notification or notified)<br>WITH receipt (hash or encrypt or authenticate) (server or intermediary or gateway or portal or proxy or agent) (received or hops or forwarded or interim)<br>(@ad<"20030417" OR @rlad<"20030417") 709/206.<br>ccs. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2007/07/05<br>20:01 |

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| S20 | 55    | (email or "e-mail" or "electronic mail") (notification or notified) WITH receipt (hash or encrypt or authenticate) (server or intermediary or gateway or portal or proxy or agent) (received or hops or forwarded or interim) (@ad<"20030417" OR @rlad<"20030417") not tomkow.in. 709/206.cds. | US-PGPUB; USPAT; USOCR; EPO; IBM_TDB | AND | ON | 2007/07/05 20:02 |
| S21 | 3500  | 709/206.cds. (@ad<"20030417" OR @rlad<"20030417")  | US-PGPUB; USPAT; USOCR; EPO; IBM_TDB | AND | ON | 2008/05/03 13:05 |
| S22 | 437   | barkan.in. (@ad<"20030417" OR @rlad<"20030417")  | US-PGPUB; USPAT; USOCR; EPO; IBM_TDB | AND | ON | 2008/05/03 13:05 |
| S23 | 17    | barkan.in. (email or "e-mail" or "electronic mail") (@ad<"20030417" OR @rlad<"20030417")   | US-PGPUB; USPAT; USOCR; EPO; IBM_TDB | AND | ON | 2008/05/03 13:05 |
| S24 | 77823 | (email or "e-mail" or "electronic mail") (@ad<"20030417" OR @rlad<"20030417")  | US-PGPUB; USPAT; USOCR; EPO; IBM_TDB | AND | ON | 2008/05/03 13:05 |
| S25 | 1997  | (email or "e-mail" or "electronic mail") notification WITH receipt (@ad<"20030417" OR @rlad<"20030417")  | US-PGPUB; USPAT; USOCR; EPO; IBM_TDB | AND | ON | 2008/05/03 13:05 |
| S26 | 364   | (email or "e-mail" or "electronic mail") notification WITH receipt (hash or encrypt) (server or intermediary or gateway or portal or proxy or agent) (@ad<"20030417" OR @rlad<"20030417")  | US-PGPUB; USPAT; USOCR; EPO; IBM_TDB | AND | ON | 2008/05/03 13:05 |
| S27 | 363   | (email or "e-mail" or "electronic mail") notification WITH receipt (hash or encrypt) (server or intermediary or gateway or portal or proxy or agent) (received or hops or relay) (@ad<"20030417" OR @rlad<"20030417")  | US-PGPUB; USPAT; USOCR; EPO; IBM_TDB | AND | ON | 2008/05/03 13:05 |

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| S28 | 85   | (email or "e-mail" or "electronic mail") notification WITH receipt (hash or encrypt) (server or intermediary or gateway or portal or proxy or agent) (received or hops or relay) SAME (attachment or header) (@ad<"20030417" OR @rlad<"20030417")                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON  | 2008/05/03<br>13:05 |
| S29 | 1    | ("5978836").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | OR  | OFF | 2008/05/03<br>13:05 |
| S30 | 1    | ("6618747").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | OR  | OFF | 2008/05/03<br>13:05 |
| S31 | 78   | (email or "e-mail" or "electronic mail") notification WITH receipt (hash or encrypt) (server or intermediary or gateway or portal or proxy or agent) (received or hops or relay) SAME (attachment or header) (@ad<"20030417" OR @rlad<"20030417") not tomkow.in. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON  | 2008/05/03<br>13:05 |
| S32 | 2055 | (email or "e-mail" or "electronic mail") (hash or encrypt) (server or intermediary or gateway or portal or proxy or agent) (received or hops or relay) SAME (attachment or header) (@ad<"20030417" OR @rlad<"20030417") not tomkow.in.                           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON  | 2008/05/03<br>13:05 |
| S33 | 1    | ("6751670").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | OR  | OFF | 2008/05/03<br>13:05 |
| S34 | 647  | (email or "e-mail" or "electronic mail") (notification or notified) WITH receipt (hash or encrypt or signature) (server or intermediary or gateway or portal or proxy or agent) (@ad<"20030417" OR @rlad<"20030417")   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON  | 2008/05/03<br>13:05 |

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| S35 | 643 | (email or "e-mail" or "electronic mail")<br>(notification or notified)<br>WITH receipt (hash or encrypt or signature) (server or intermediary or gateway or portal or proxy or agent)<br>(received or hops or forwarded or interim or intermediary)<br>(@ad<"20030417" OR @rlad<"20030417") | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2008/05/03<br>13:05 |
| S36 | 643 | (email or "e-mail" or "electronic mail")<br>(notification or notified)<br>WITH receipt (hash or encrypt or signature) (server or intermediary or gateway or portal or proxy or agent)<br>(received or hops or forwarded or interim)<br>(@ad<"20030417" OR @rlad<"20030417")                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2008/05/03<br>13:05 |
| S37 | 616 | (email or "e-mail" or "electronic mail")<br>(notification or notified)<br>WITH receipt (hash or encrypt or authenticate) (server or intermediary or gateway or portal or proxy or agent) (received or hops or forwarded or interim)<br>(@ad<"20030417" OR @rlad<"20030417")                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2008/05/03<br>13:05 |
| S38 | 65  | (email or "e-mail" or "electronic mail")<br>(notification or notified)<br>WITH receipt (hash or encrypt or authenticate) (server or intermediary or gateway or portal or proxy or agent) (received or hops or forwarded or interim)<br>(@ad<"20030417" OR @rlad<"20030417") 709/206.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2008/05/03<br>13:05 |

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| S39 | 59   | (email or "e-mail" or "electronic mail") (notification or notified) WITH receipt (hash or encrypt or authenticate) (server or intermediary or gateway or portal or proxy or agent) (received or hops or forwarded or interim) (@ad<"20030417" OR @riad<"20030417") not tomkow.in. 709/206.cds. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2008/05/03<br>13:05 |
| S40 | 3809 | (email or "e-mail" or "electronic mail") (delivery or receipt) WITH (confirmation or proof or verification) (server or intermediary or gateway or portal or proxy or agent or broker or relay) (@ad<"20030417" OR @riad<"20030417")  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2008/09/23<br>13:41 |
| S41 | 798  | (email or "e-mail" or "electronic mail") (delivery or receipt) WITH (confirmation or proof or verification) (server or intermediary or gateway or portal or proxy or agent or broker or relay) (digital WITH (signature or fingerprint)) (@ad<"20030417" OR @riad<"20030417")                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2008/09/23<br>13:41 |
| S42 | 746  | (email or "e-mail" or "electronic mail") (delivery or receipt) WITH (confirmation or proof or verification) (server or intermediary or gateway or portal or proxy or agent or broker or relay) (digital adj (signature or fingerprint)) (@ad<"20030417" OR @riad<"20030417")                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2008/09/23<br>13:42 |



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| S43 | 723 | (email or "e-mail" or "electronic mail") (delivery or receipt) WITH (confirmation or proof or verification) (server or intermediary or gateway or portal or proxy or agent or broker or relay) (digital adj (signature or fingerprint)) (received or interim or hops or relays) (@ad<"20030417" OR @rlad<"20030417")   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2008/09/23<br>13:44 |
| S44 | 722 | (email or "e-mail" or "electronic mail") (delivery or receipt) WITH (confirmation or proof or verification) (server or intermediary or gateway or portal or proxy or agent or broker or relay) (digital adj (signature or fingerprint)) (received or interim or hops or relays) (@ad<"20030417" OR @rlad<"20030417") not rpost.as.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2008/09/23<br>13:44 |
| S45 | 231 | (email or "e-mail" or "electronic mail") (image or picture or pixel or envelope) WITH (open or click or interact or display) (delivery or receipt) WITH (confirmation or proof or verification) (server or intermediary or gateway or portal or proxy or agent or broker or relay) (digital adj (signature or fingerprint)) (received or interim or hops or relays) (@ad<"20030417" OR @rlad<"20030417") not rpost.as. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2008/09/23<br>13:45 |

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| S46 | 33 | (email or "e-mail" or "electronic mail") (image or picture or pixel or envelope) WITH (open or click or interact or display) (delivery or receipt) WITH (confirmation or proof or verification) (server or intermediary or gateway or portal or proxy or agent or broker or relay) (digital adj (signature or fingerprint)) (received or interim or hops or relays) (@ad< "20030417" OR @rlad< "20030417") not rpost.as. "709"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2008/09/23<br>13:48 |
| S47 | 41 | (email or "e-mail" or "electronic mail") (image or picture or pixel or graphic) WITH (open or click or interact or display or confirm or receive) (delivery or receipt) WITH (confirmation or proof or verification) (server or intermediary or gateway or portal or proxy or agent or broker or relay) ((digital adj (signature or fingerprint)) OR hash).detd. (received or interim or hops or relays) (@ad< "20030417" OR @rlad< "20030417") not rpost.as. "709"/\$.ccls. not accenture.as. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2008/09/23<br>13:51 |
| S48 | 21 | (email or "e-mail" or "electronic mail") WITH (delivery or receipt) WITH (confirmation or proof or verification) (server or intermediary or gateway or portal or proxy or agent or broker or relay) ((digital adj (signature or fingerprint)) OR hash).detd. (received or interim or hops or relays) (@ad< "20030417" OR @rlad< "20030417") not rpost.as. "709"/\$.ccls. not accenture.as.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2008/09/23<br>13:52 |

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|-----|------|---|---|-----|----|---------------------|
| S49 | 21   | (email or "e-mail" or "electronic mail") WITH (delivery or receipt) WITH (confirmation or proof or verification) (server or intermediary or gateway or portal or proxy or agent or broker or relay) ((digital adj (signature or fingerprint)) OR hash).detd.<br>(@ad<"20030417" OR @rlad<"20030417") not rpost.as. "709"/\$.ccls. not accenture.as. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2008/09/23<br>13:52 |
| S50 | 96   | (email or "e-mail" or "electronic mail") WITH (delivery or receipt) WITH (confirmation or proof or verification) (server or intermediary or gateway or portal or proxy or agent or broker or relay) ((digital adj (signature or fingerprint)) OR hash).detd.<br>(@ad<"20030417" OR @rlad<"20030417") not rpost.as. not accenture.as.                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2008/09/23<br>13:53 |
| S51 | 3847 | 709/206.ccls.<br>(@ad<"20030417" OR @rlad<"20030417")   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2009/05/29<br>15:26 |
| S52 | 86   | (email or "e-mail" or "electronic mail") notification WITH receipt (hash or encrypt) (server or intermediary or gateway or portal or proxy or agent) (received or hops or relay) SAME (attachment or header) (@ad<"20030417" OR @rlad<"20030417") not tomkow.in.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2009/05/29<br>15:26 |
| S53 | 401  | (email or "e-mail" or "electronic mail") notification WITH receipt (hash or encrypt) (server or intermediary or gateway or portal or proxy or agent) (@ad<"20030417" OR @rlad<"20030417")   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>IBM_TDB | AND | ON | 2009/05/29<br>15:26 |

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|-----|-----|---|--------------------------------------|-----|----|------------------|
| S54 | 399 | (email or "e-mail" or "electronic mail") notification WITH receipt (hash or encrypt) (server or intermediary or gateway or portal or proxy or agent) (received or hops or relay) (@ad<"20030417" OR @riad<"20030417") | US-PGPUB; USPAT; USOCR; EPO; IBM_TDB | AND | ON | 2009/05/29 15:26 |
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#### **EAST Search History (Interference)**

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**1/ 5/ 10 1:48:31 PM**

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